ABSTRACT OF THE DISCLOSURE

A tilt detecting apparatus of an information-recording medium having a photo diode for detecting a light reflected from an information-recording medium and outputting a light amount signal according to the detected light amount; and a calculating unit for calculating a radial tilt amount by using the light amount signal, wherein the photodiode is divided into a plurality of cells which are identified as regions according to a light amount of the reflected light, based on which a tilt signal is detected. A portion of the reflected light diffracted at the information-recording medium is detected by using the 8-divided photo diode, the region having a large difference in a light amount by the tilt and the region having a small difference in a light amount by the tilt in view of the characteristic of the reflected light are detected. And then, after push-pull values of each region are computed to remove an influence of the radial shift by using the two push-pull values, a corresponding difference between the tilt amounts, thereby obtaining an accurate tilt direction and degree of the information-recording medium.